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* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 May 12 EXTEND option available in structure searching
NEWS 4 May 12 Polymer links for the POLYLINK command completed in REGISTRY
NEWS 5 May 27 New UPM (Update Code Maximum) field for more efficient patent
SDIs in CAPlus
NEWS 6 May 27 CAPlus super roles and document types searchable in REGISTRY
NEWS 7 Jun 22 STN Patent Forums to be held July 19-22, 2004
NEWS 8 Jun 28 Additional enzyme-catalyzed reactions added to CASREACT
NEWS 9 Jun 28 ANTE, AQUALINE, BIOENG, CIVILENG, ENVIROENG, MECHENG,
and WATER from CSA now available on STN(R)
NEWS 10 Jul 12 BEILSTEIN enhanced with new display and select options,
resulting in a closer connection to BABS

NEWS EXPRESS MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 15:52:32 ON 26 JUL 2004

=> FIL REGISTRY

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 15:52:59 ON 26 JUL 2004

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STRUCTURE FILE UPDATES: 25 JUL 2004 HIGHEST RN 716315-35-4
DICTIONARY FILE UPDATES: 25 JUL 2004 HIGHEST RN 716315-35-4

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when
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Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
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<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> s ^kpv/sqsp
L1 953 ^KPV/SQSP

=> s ^hfrwgkpv/sqsp
L2 38 ^HFRWGKPV/SQSP

=> s ^sysmehfrwgkpv/sqsp
L3 647 ^SYSMEHFRWGKPV/SQSP

=> FIL CAPLUS BIOSIS MEDLINE PCTFULL USPATFULL EUROPATFULL JAPIO SCISEARCH EMBASE
USPAT2 EUROPATFULL
COST IN U.S. DOLLARS

	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	80.34	80.55

FILE 'CAPLUS' ENTERED AT 15:54:28 ON 26 JUL 2004
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FILE 'USPATFULL' ENTERED AT 15:54:28 ON 26 JUL 2004
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FILE 'JAPIO' ENTERED AT 15:54:28 ON 26 JUL 2004
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FILE 'SCISEARCH' ENTERED AT 15:54:28 ON 26 JUL 2004
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FILE 'USPAT2' ENTERED AT 15:54:28 ON 26 JUL 2004
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=> s l1 and shampoo
'SQSP' IS NOT A VALID FIELD CODE

'SQSP' IS NOT A VALID FIELD CODE
'SQSP' IS NOT A VALID FIELD CODE
7 FILES SEARCHED...
'SQSP' IS NOT A VALID FIELD CODE
L4 0 L1 AND SHAMPOO

=> s l2 and shampoo
'SQSP' IS NOT A VALID FIELD CODE
'SQSP' IS NOT A VALID FIELD CODE
'SQSP' IS NOT A VALID FIELD CODE
'SQSP' IS NOT A VALID FIELD CODE
L5 4 L2 AND SHAMPOO

=> s l3 and shampoo
'SQSP' IS NOT A VALID FIELD CODE
'SQSP' IS NOT A VALID FIELD CODE
'SQSP' IS NOT A VALID FIELD CODE
'SQSP' IS NOT A VALID FIELD CODE
L6 5 L3 AND SHAMPOO

=> s l5 or l6
L7 5 L5 OR L6

=> dup rem l7
PROCESSING COMPLETED FOR L7
L8 4 DUP REM L7 (1 DUPLICATE REMOVED)

=> d l8 1-4

L8 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1
AN 2003:950441 CAPLUS
DN 140:1183
TI Use of α -MSH and α -MSH-derived peptides for treatment of
pruritus in animals
IN Lipton, James M.; Catania, Anna P.
PA USA
SO U.S. Pat. Appl. Publ., 41 pp., Cont.-in-part of U.S. Ser. No. 23,287.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003223949	A1	20031204	US 2002-322577	20021217
	US 2003129156	A1	20030710	US 2001-23287	20011217
PRAI	US 2001-23287	A2	20011217		

L8 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:491065 CAPLUS
DN 139:63360
TI Use of α -MSH and α -MSH-derived peptides for treatment of
pruritus in animals
IN Lipton, James M.; Catania, Anna P.
PA Zengen, Inc., USA
SO PCT Int. Appl., 92 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003051390	A1	20030626	WO 2002-US40313	20021217
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
	CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,				

GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
 PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA,
 UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,
 CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
 PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
 MR, NE, SN, TD, TG

US 2003129156 A1 20030710 US 2001-23287 20011217
 PRAI US 2001-23287 A 20011217
 RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 3 OF 4 USPATFULL on STN
 AN 2003:187370 USPATFULL
 TI Use of a polypeptide for treatment of pruritis in animals
 IN Lipton, James M., Woodland Hills, CA, UNITED STATES
 Catania, Anna P., Milan, ITALY
 PI US 2003129156 A1 20030710
 AI US 2001-23287 A1 20011217 (10)
 DT Utility
 FS APPLICATION
 LN.CNT 1612
 INCL INCLM: 424/070.210
 INCLS: 514/018.000; 514/014.000; 514/015.000; 514/016.000
 NCL NCLM: 424/070.210
 NCLS: 514/018.000; 514/014.000; 514/015.000; 514/016.000
 IC [7]
 ICM: A61K038-10
 ICS: A61K038-08; A61K038-05
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 4 OF 4 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED.
 on STN
 AN 74164616 EMBASE
 DN 1974164616
 TI Treatment of scalp disorders.
 AU Munro D.D.
 CS St. Bartholomew's Hosp., London, United Kingdom
 SO British Medical Journal, (1974) 1/5901 (236-238).
 CODEN: BMJOAE
 DT Journal
 FS 037 Drug Literature Index
 013 Dermatology and Venereology
 LA English

=> d 18 4 kwic hit

L8 ANSWER 4 OF 4 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED.
 on STN
 CT Medical Descriptors:
 *alopecia
 *ammonium mercuric chloride
 *circumscribed neurodermatitis
 *dandruff
 *eczema
 *nerve cell firing frequency
 *scalp
 *seborrheic dermatitis
 *skin tumor
 topical drug administration
 therapy
 diagnosis

- review
- *aluminum acetate
- *amphotericin
- *betamethasone
- *chlortetracycline
- *clotrimazole
- *coal tar
- *copper
- *dithranol
- *fluocinolone
- *fluorouracil
- *fusidic acid
- *griseofulvin
- *hexachlorophene
- *nystatin
- *permanganate potassium
- *salicylic acid
- *selenium
- *sulfamethoxazole
- *sulfur
- *tetracosactide
- *tolnaftate
- *triamcinolone
- *trimethoprim
- *zinc

pyrithione zinc

deep cleansing shampoo

zp 11

selenium sulfide

lenium

genisol

alphosyl

betamethasone valerate

lindane

fluocinolone acetonide

tricaderm

nystaform

amphotericin b

fusidate sodium

unclassified drug

RN. . . 70-30-4; (nystatin) 1400-61-9, 34786-70-4, 62997-67-5; (permanganate potassium) 7722-64-7; (salicylic acid) 63-36-5, 69-72-7; (selenium) 7782-49-2; (sulfamethoxazole) 723-46-6; (sulfur) 13981-57-2, 7704-34-9; (tetracosactide) **16960-16-0**; (tolnaftate) 2398-96-1; (triamcinolone) 124-94-7; (trimethoprim) 738-70-5; (zinc) 7440-66-6; (pyrithione zinc) 13463-41-7; (selenium sulfide) 56093-45-9, 7446-34-6, 7488-56-4, 8012-80-4; (betamethasone valerate) 2152-44-5, . . .

CN Head and shoulders; **Deep cleansing shampoo**; Zp 11; Selsun; Lenium; Genisol; Alphosyl; Betnovate; Lorexane; Synalar; Tricaderm; Nystaform; Fungilin; Canesten; Synacthen; Fucidin; Tinaderm

CT Medical Descriptors:

- *alopecia
- *ammonium mercuric chloride
- *circumscribed neurodermatitis
- *dandruff
- *eczema
- *nerve cell firing frequency
- *scalp
- *seborrheic dermatitis
- *skin tumor
- topical drug administration
- therapy
- diagnosis
- review

Drug Descriptors:

*aluminum acetate
 *amphotericin
 *betamethasone
 *chlortetracycline
 *clotrimazole
 *coal tar
 *copper
 *dithranol
 *fluocinolone
 *fluorouracil
 *fusidic acid
 *griseofulvin
 *hexachlorophene
 *nystatin
 *permanganate potassium
 *salicylic acid
 *selenium
 *sulfamethoxazole
 *sulfur
 *tetracosactide
 *tolnaftate
 *triamcinolone
 *trimethoprim
 *zinc

pyrithione zinc

deep cleansing shampoo

zp 11

selenium sulfide

lenium

genisol

alphosyl

betamethasone valerate

lindane

fluocinolone acetoneide

tricaderm

nystaform

amphotericin b

fusidate sodium

unclassified drug

RN (aluminum acetate) 139-12-8, 7360-44-3; (amphotericin) 12633-72-6;
 (betamethasone) 378-44-9; (chlortetracycline) 12691-62-2, 57-62-5,
 64-72-2, 78794-02-2; (clotrimazole) 23593-75-1; (coal tar) 8007-45-2;
 (copper) 15158-11-9, 7440-50-8; (dithranol) 1143-38-0, 480-22-8;
 (fluocinolone) 807-38-5; (fluorouracil) 51-21-8; (fusidic acid) 6990-06-3;
 (griseofulvin) 126-07-8; (hexachlorophene) 11119-93-0, 70-30-4; (nystatin)
 1400-61-9, 34786-70-4, 62997-67-5; (permanganate potassium) 7722-64-7;
 (salicylic acid) 63-36-5, 69-72-7; (selenium) 7782-49-2;
 (sulfamethoxazole) 723-46-6; (sulfur) 13981-57-2, 7704-34-9;
 (tetracosactide) **16960-16-0**; (tolnaftate) 2398-96-1;
 (triamcinolone) 124-94-7; (trimethoprim) 738-70-5; (zinc) 7440-66-6;
 (pyrithione zinc) 13463-41-7; (selenium sulfide) 56093-45-9, 7446-34-6,
 7488-56-4, 8012-80-4; (betamethasone valerate) 2152-44-5, 57654-97-4;
 (lindane) 58-89-9; (fluocinolone acetoneide) 67-73-2; (amphotericin b)
 1397-89-3, 30652-87-0; (fusidate sodium) 751-94-0

CN Head and shoulders; **Deep cleansing shampoo**; Zp 11; Selsun;
 Lenium; Genisol; Alphosyl; Betnovate; Lorexane; Synalar; Tricaderm;
 Nystaform; Fungilin; Canesten; Synacthen; Fucidin; Tinaderm

=> FIL REGISTRY

COST IN U.S. DOLLARS

SINCE FILE
ENTRY

TOTAL
SESSION

FULL ESTIMATED COST

186.87 267.42

FILE 'REGISTRY' ENTERED AT 15:56:57 ON 26 JUL 2004
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STRUCTURE FILE UPDATES: 25 JUL 2004 HIGHEST RN 716315-35-4
DICTIONARY FILE UPDATES: 25 JUL 2004 HIGHEST RN 716315-35-4

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

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Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> S 16960-16-0/RN

L9 1 16960-16-0/RN

=> SET NOTICE 1 DISPLAY

NOTICE SET TO 1 U.S. DOLLAR FOR DISPLAY COMMAND
SET COMMAND COMPLETED

=> D L9 SQIDE 1-

YOU HAVE REQUESTED DATA FROM 1 ANSWERS - CONTINUE? Y/(N):y
THE ESTIMATED COST FOR THIS REQUEST IS 5.92 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:y

L9 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
RN 16960-16-0 REGISTRY
CN α 1-24-Corticotropin (8CI, 9CI) (CA INDEX NAME)
OTHER NAMES:
CN (1-24) α -ACTH
CN α 1-24-ACTH
CN α 1-24-Adrenocorticotrophic hormone
CN β -Corticotrophin-(1-24)-tetracosapeptide
CN β 1-24-ACTH
CN β 1-24-Corticotropin
CN β 1-24-Tetracosactide
CN 10: PN: WO03051390 PAGE: 52 claimed protein
CN 2136: PN: WO03060071 SEQID: 2198 unclaimed
CN 4: PN: WO2004045592 SEQID: 3 unclaimed sequence
CN 8: PN: WO0069900 SEQID: 7 unclaimed sequence
CN ACTH α 1-24
CN ACTH1-24
CN Actholain
CN Adrenocorticotropin(1-24)
CN Ba 30920
CN Ba 36716
CN Corticotropin-(1-24)
CN Cortrophin S
CN Cortrosinta

CN Cortrosyn
 CN Cosyntropin
 CN Human ACTH (1-24)
 CN L-Proline, L-seryl-L-tyrosyl-L-seryl-L-methionyl-L-glutamyl-L- α -
 histidyl-L-phenylalanyl-L-arginyl-L-tryptophylglycyl-L-lysyl-L-prolyl-L-
 valylglycyl-L-lysyl-L-lysyl-L-arginyl-L-arginyl-L-prolyl-L-valyl-L-lysyl-L-
 valyl-L-tyrosyl-
 CN Nuvacthen Depot
 CN PN: WO9952928 SEQID: 9 claimed protein
 CN Porcine ACTH (1-24)
 CN Synacthen
 CN Synacthene
 CN Synacthene-retard
 CN Synecthen
 CN Tetracosactid
 CN Tetracosactide
 CN Tetracosactrin
 CN Tetracosapeptide
 FS PROTEIN SEQUENCE; STEREOSEARCH
 SQL 24

PATENT ANNOTATIONS (PNTE):

Sequence	Patent
Source	Reference
Not Given	WO2000069900
	unclaimed
	SEQID 7
	WO9952928
	claimed
	SEQID 9

SEQ 1 SYSMEHFRWG KPVGKKRRPV KVYP

RELATED SEQUENCES AVAILABLE WITH SEQLINK

DR 35-33-6, 17008-05-8, 37341-02-9, 52051-40-8

MF C136 H210 N40 O31 S

CI COM

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
 BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CHEMCATS, CHEMLIST, CSCHM,
 DDFU, DIOGENES, DRUGU, EMBASE, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA,
 MEDLINE, MRCK*, PROMT, RTECS*, TOXCENTER, USAN, USPAT2, USPATFULL, VETU
 (*File contains numerically searchable property data)

Other Sources: EINECS**, WHO

(**Enter CHEMLIST File for up-to-date regulatory information)

DT.CA Caplus document type: Conference; Dissertation; Journal; Patent; Report

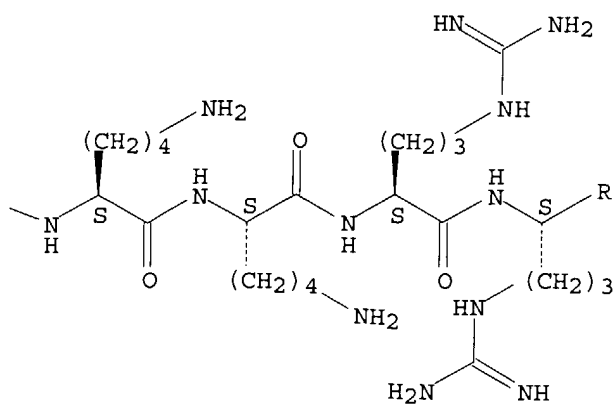
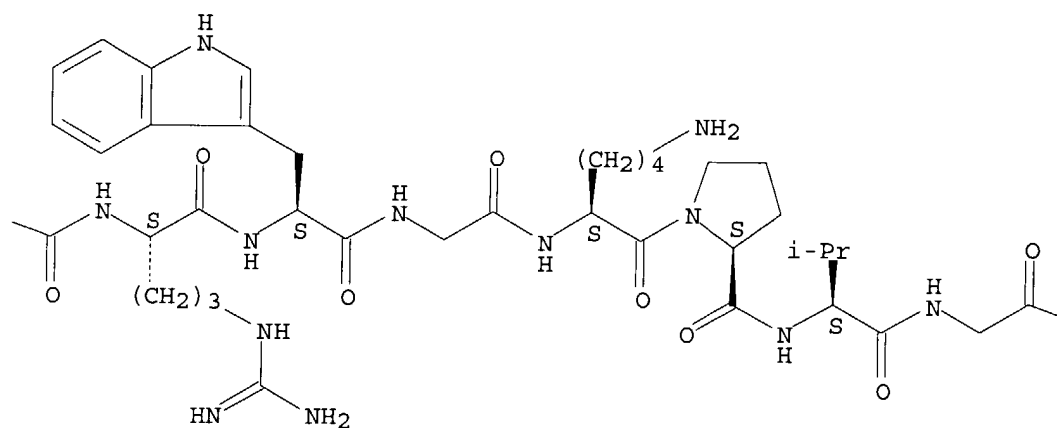
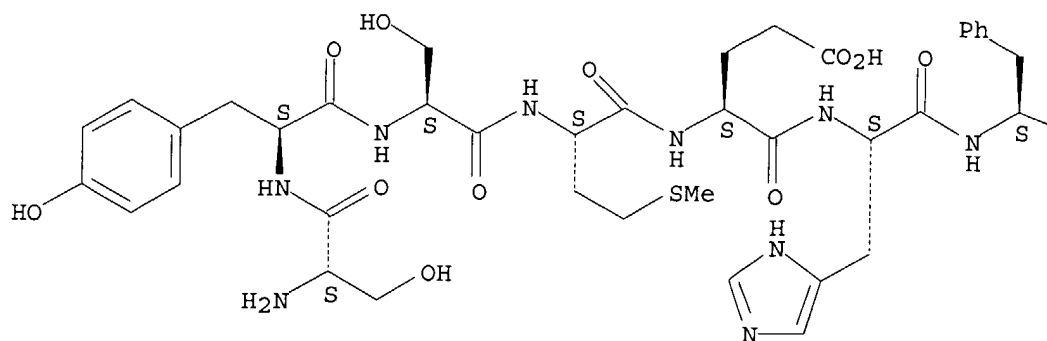
RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);
 FORM (Formation, nonpreparative); PREP (Preparation); PROC (Process);
 PRP (Properties); RACT (Reactant or reagent); USES (Uses)

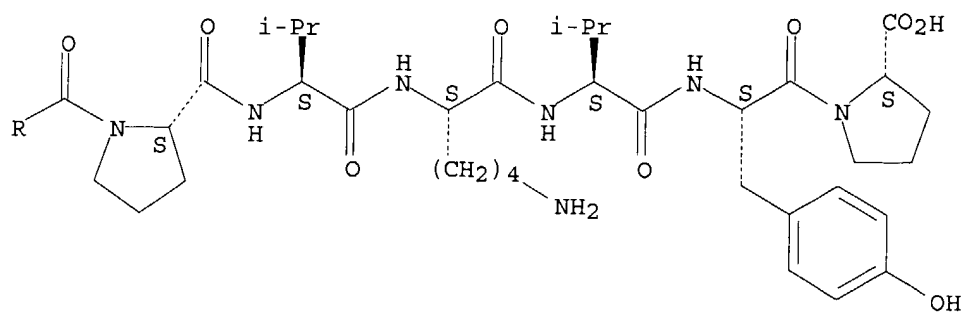
RLD.P Roles for non-specific derivatives from patents: BIOL (Biological study); USES (Uses)

RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study);
 FORM (Formation, nonpreparative); OCCU (Occurrence); PREP (Preparation);
 PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)

RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical study);
 BIOL (Biological study); PREP (Preparation); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

Absolute stereochemistry.





2051 REFERENCES IN FILE CA (1907 TO DATE)
 21 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 2053 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 13 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> SET NOTICE LOGIN DISPLAY

NOTICE SET TO OFF FOR DISPLAY COMMAND
 SET COMMAND COMPLETED

=>